|                    | Index of Claims        |  |                |          |                   |           |           |           |                 |                      |          |         |                    |           |              |             |                    |            |          |            |           |          |              | Reexamination                                    |                 |          |         |   |  |  |  |
|--------------------|------------------------|--|----------------|----------|-------------------|-----------|-----------|-----------|-----------------|----------------------|----------|---------|--------------------|-----------|--------------|-------------|--------------------|------------|----------|------------|-----------|----------|--------------|--|-----------------|----------|---------|---|--|--|--|
|                    |                        |  |                |          |                   |           |           |           |                 |                      |          | 1       | 10/823,506         |           |              |             |                    |            |          |            |           |          | LLE          | ERG  | QV              | ET       | AL.     |   |  |  |  |
|                    |                        |  |                |          |                   |           |           |           |                 |                      |          |         | Examiner           |           |              |             |                    |            |          |            |           |          | Art Unit     |  |                 |          |         |   |  |  |  |
|                    |                        |  |                |          |                   |           |           |           |                 |                      |          |         | Buisiona Li        |           |              |             |                    |            |          |            |           |          | 4040         |  |                 |          |         |   |  |  |  |
|                    |                        |  |                |          |                   |           |           |           |                 |                      |          |         | Ruixiang Li        |           |              |             |                    |            |          |            |           |          |              | 1646   |                 |          |         |   |  |  |  |
|                    |                        |  | 1              |          | _                 |           |           |           |                 |                      |          |         |                    | Г         | Т            | ——— ГТ      |                    |            |          |            |           |          |              | _  | $\neg$          |          |         |   |  |  |  |
|                    |                        | √  | Re             | jecte    | ed                |           | _         | (Т        | hrou            | gh n                 | um       | erai    | )                  |           | N            | Non-Elected |                    |            | ed       |            | $ _{A} $  | Appeal   |              |  |                 | 1        |         |   |  |  |  |
|                    | V Rejected — Cancelled |  |                |          |                   |           |           |           |                 |                      |          |         | 1                  | <u>``</u> |              |             |                    |            | Н        |            |           |          |              | $\dashv$   |                 |          |         |   |  |  |  |
| = Allowed ÷ Restri |                        |  |                |          |                   |           |           |           | stric           | ted                  |          |         |                    | 1         | Interference |             |                    | се         |          | 0          | Objected  |          |              |  |                 |          |         |   |  |  |  |
|                    |                        |  |                |          |                   |           |           |           |                 |                      |          |         |                    |           |              |             |                    |            |          |            | Ш         |          |              |  |                 |          |         |   |  |  |  |
|                    | Claim                  |  |                |          | Date              |           |           | $\neg$    | Cla             | Claim                |          |         | (                  | ate       | ,            |             |                    | 1          | Cla      | aim        |           | Date     |              |  |                 |          |         |   |  |  |  |
|                    |                        | -B   |                |          |                   |           |           |           |                 | al                   | ؈        |         |                    |           |              |             |                    |            | _        | a          | و ا       |          | Ţ-           |  |                 |          |         |   |  |  |  |
|                    | Final                  | Original   |                |          |                   |           |           |           | Final           | Original             | 7/17/06  |         |                    |           |              |             |                    |            | Final    | Original   | 7/17/06   |          | 1            | l  |                 |          |         |   |  |  |  |
|                    | "                      | ō  |                |          |                   |           | H         |           | "               |                      | ~        |         |                    |           |              |             |                    |            |          |            |           |          |              |  |                 |          |         |   |  |  |  |
|                    |                        | 1  |                |          |                   | $\perp$   | Ш         | $\Box$    |                 | <del>1</del> 1       | $\Box$   | $\perp$ | $oldsymbol{\perp}$ | $\dashv$  | 4            | $\perp$     | Н                  | ] [        |          | 101        | N         |          |              |  |                 |          | $\perp$ |   |  |  |  |
|                    | -                      | 3  | ╁┷┼            | -        | $\vdash$          |           | H         |           |                 | <del>의 83 55</del>   | $\dashv$ | +       | ╁                  | $\dashv$  | $\dashv$     | ╫           | +                  | ┨          | $\dashv$ | 102<br>103 | 1         | +        | +            | Н  | $\vdash \vdash$ | +        | +       |   |  |  |  |
|                    | _                      | 1 4  | ╁┼             | +        | $\vdash$          | ╁╌        | H         | $\dashv$  |                 | 54                   | $\dashv$ | +       | +-                 | $\dashv$  | 十            | $\top$      | Н                  | <b> </b>   | -1       | 104        | Н         |          | +-           | Н  | H               | +        | +       |   |  |  |  |
|                    |                        | 4  |                |          |                   |           |           | ゴ         |                 | 55                   |          |         |                    |           |              |             |                    |            |          | 105        |           |          |              |  |                 |          |         | ] |  |  |  |
|                    |                        | <b>6</b>   |                |          |                   | ļ         | Ш         | _         |                 | 56<br>57             | $\Box$   | 1       | 4                  | _         | $\perp$      | _           | Ш                  |            |          | 106        |           |          | 1            |  | Ш               |          | 1       |   |  |  |  |
|                    |                        | ]  | +-+            | +        | $\vdash$          | +         | Н         | -         |                 | 57<br>58             | $\dashv$ |         | +-                 | -         | -            |             | $\vdash$           | ▎├         | $\dashv$ | 107<br>108 |           |          | ┿            | H  | $\vdash$        | -        |         |   |  |  |  |
|                    |                        | <del>                                     </del> | ╁╌┼            |          | $\vdash$          | ╁┈        | $\vdash$  | $\dashv$  |                 | 56                   | $\dashv$ | +       | +                  | $\dashv$  | 十            | +           | +                  | ╽┟         |          | 109        | H         | +        | +            | Н  | $\vdash$        | +        | +       |   |  |  |  |
|                    |                        | 10   | 11             | +        | H                 | +         | Ħ         | 7         | -               | 5 <del>0</del><br>60 | $\dashv$ | +       | 1                  |           |              | $\top$      | $\top$             |            |          | 110        |           | _        | 1            |  |                 |          |         |   |  |  |  |
| •                  |                        | 111  |                |          |                   |           | П         |           |                 | 61                   |          |         | $\bot$             |           |              |             |                    |            |          | 111        | Ш         |          | 1            |  |                 |          |         |   |  |  |  |
|                    |                        | 12   | ++             | _ -      | $\vdash$          | ╀         | Н         | _         |                 | 62                   | $\dashv$ |         | +                  | $\dashv$  | 4            | -           | +                  | <b>∤</b> ⊦ |          | 112        | $\vdash$  | +        | +            | $\vdash$   | Н               | -        | +       |   |  |  |  |
|                    | -                      | 1B<br>14   | +              | +        | ╁┼┼               | ╁         | H         | $\dashv$  |                 | <u>84</u>            | $\dashv$ | +       | +                  | H         | -            |             | +                  | l          |          | 113<br>114 | ╌┤        |          | ╁╌           | ┢  | Н               | +        | ╁       | { |  |  |  |
|                    |                        | 1\$  | 11             | +        | $\vdash$          | ╁╴        | H         | ┥.        |                 | 8 <del>8</del> 8     | $\dashv$ | $\top$  | ╁                  | $\vdash$  | 7            | $\top$      | $\dagger \lnot$    | l I        | $\dashv$ | 115        | $\square$ |          | $\dagger$    | T  | Н               | $\dashv$ | ╅       | 1 |  |  |  |
|                    |                        | 16   |                |          |                   |           |           |           |                 | <del>66</del> 67     |          |         |                    |           |              |             |                    |            |          | 116        |           |          |              |  |                 |          |         |   |  |  |  |
|                    |                        | 11   | $\perp \perp$  |          |                   |           | Ш         | _         |                 | 67                   |          |         |                    |           | _            |             |                    |            |          | 117        | $\sqcup$  |          | 4            | <u> </u>   | Щ               | $\dashv$ | $\bot$  |   |  |  |  |
|                    |                        | 18   | ++             | -        | ╀                 | ╀         | $\vdash$  | -         |                 | 68                   | $\dashv$ | +       | +                  | $\vdash$  |              | -           | +                  | ┨╏         |          | 118<br>119 | $\vdash$  | +        | +            | $\vdash$   | H               | $\dashv$ | ╁       |   |  |  |  |
|                    | -                      | 20   | ++             | _        |                   | ╁         | ╁┼        | $\dashv$  |                 | <del>8</del> P       | $\dashv$ | +       | +-                 |           | 7            | +           | +                  | l ŀ        |          | 120        | H         |          | +            | $\vdash$   | $\vdash$        | $\dashv$ | +       |   |  |  |  |
|                    |                        | 20   | $\top$         |          |                   | 1         | $\Box$    |           |                 | 71                   |          |         | 1                  |           |              |             |                    |            |          | 121        |           |          |              |  |                 |          |         |   |  |  |  |
|                    |                        | 2½<br>23<br>24<br>25<br>26                       |                |          | $\sqcup \bot$     | 1         |           | _         |                 | 72                   |          |         | $\perp$            |           | _            |             |                    |            |          | 122        | Ш         |          | 1            |  | $\sqcup$        | _        | -       |   |  |  |  |
|                    |                        | <del>  2</del> 3   -                             | ++             |          | $\vdash$          | +-        | +         |           |                 | 7B<br>74             |          | +       | ╀                  | -         | $\dashv$     | +           | +                  | ┨          | _        | 123<br>124 | $\square$ |          | +-           |  | $\vdash$        | $\dashv$ | +       | ł |  |  |  |
|                    |                        | 1 <del>4°</del>                                  | ╂╌┼            | +        | $\vdash$          | ╫         | Н         | $\dashv$  |                 | 7 <b>5</b>           | $\dashv$ | +       | ╁                  | H         | ╌┼           | -           | +                  | ┨┟         |          | 125        | ╁         |          | ╁            | ╁╾   | Н               | $\dashv$ | +       | ł |  |  |  |
|                    |                        | <b>1 26</b>                                      | 1 1            | +        | <del>   -</del>   | t         | H         | ┥.        |                 | 76                   | $\dashv$ | _       | $\top$             | $\Box$    | ヿ            |             | $\top$             | <b> </b>   |          | 126        | H         |          | t            | T  | Н               | $\dashv$ | +       | 1 |  |  |  |
|                    |                        | 27   |                |          |                   |           |           | コ         |                 | 77                   |          |         | $oxed{\Box}$       |           | $\Box$       |             |                    |            |          | 127        |           |          |              |  |                 |          |         | ] |  |  |  |
|                    | -                      | 28<br>29   | ++             | - -      | $\vdash \vdash$   | _         | 1         | _         |                 | 78<br>79             | -        | - -     | +                  | Ш         |              |             | -                  | <b>!</b>   |          | 128        | $\vdash$  | +        | ╄            | ┢  | Н               | _        | +       |   |  |  |  |
|                    | -                      | 3D   | ++             | +        | ╁┼                | ╁         | $\vdash$  | $\dashv$  |                 | 80                   | $\dashv$ | +       | ╁                  | $\vdash$  | -            | +           | +                  | ┨╶┠        |          | 129<br>130 | $\vdash$  | +        | ╁            | ╁  | Н               | +        | +       | ł |  |  |  |
|                    | -                      | 31   | +              |          | $\vdash$          | +         | Н         | $\dashv$  | -               | 8                    | $\dashv$ | +       | 十                  | $\vdash$  | $\dashv$     | 十           | H                  | 1 1        |          | 131        | Н         |          | +-           | <del>                                     </del> | Н               | $\dashv$ | +       | 1 |  |  |  |
|                    |                        | 32   |                |          |                   |           |           |           |                 | 82                   | V        |         |                    |           | $\Box$       |             |                    |            |          | 132        |           |          |              |  |                 |          |         | ] |  |  |  |
|                    |                        | 38   | $\sqcup$       |          | $\sqcup$          | $\perp$   | Ц         | 4         |                 | 83                   | 1        |         | $\perp$            |           | _            | _           | _                  |            |          | 133        | Ш         | 4        | _            | <b> </b>   | Ш               | _        |         |   |  |  |  |
|                    | <u> </u>               | 35   | ╂┼             | -        | ┼┼                | ╁         | ╁┼        |           |                 | 84<br>85             | N<br>V   | -       | +                  | $\vdash$  | $\dashv$     |             | +                  | ┨╶┟        |          | 134<br>135 | $\vdash$  | -        | +            | ╁  | Н               | -        | +       | - |  |  |  |
|                    | -                      | 36   | +              | +        | $\vdash\vdash$    | ╁         | +         | $\dashv$  |                 | 86                   | ╗        | ┿       | ╁                  | $\vdash$  | $\dashv$     | +           | +                  | 1          |          | 136        | Н         | $\dashv$ | +-           | ╁  | Н               | +        | +-      |   |  |  |  |
|                    |                        | 37   | 11             | +        | $\vdash$ $\vdash$ | ╈         | П         |           |                 | 87                   | 1        | 十       | $\top$             | $\Box$    | 一            | $\dashv$    |                    | 1          |          | 137        |           | $\top$   | ╅            | T  |                 |          | +-      |   |  |  |  |
|                    |                        | 38<br>39   | П              |          |                   |           |           |           |                 | 88                   | 1        |         |                    |           |              |             |                    |            |          | 138        |           |          | $oxed{\Box}$ |  |                 |          |         |   |  |  |  |
|                    |                        | 39   | ++             | 4-       | <b>├</b> -├-      | 4         | 1         | _         |                 | 89                   | 1        | +       | ╁                  | $\sqcup$  | -4           |             | 1                  |            |          | 139        | $\sqcup$  | -        | +            | -  | Н               | _        |         |   |  |  |  |
|                    | -                      | 40<br>41   | +              | $\dashv$ | $\vdash$          | +         | ╁╌╂       | -         |                 | 90<br>9              | $\dashv$ | +       | +                  | $\vdash$  | -            | $\dashv$    | +-                 | }          |          | 140<br>141 | Н         | +        | ╁            | ╁  | Н               | $\dashv$ | +-      | 1 |  |  |  |
|                    |                        | 142  | +-+            | +        |                   | $\dagger$ | $\forall$ | $\dashv$  |                 | 92                   | $\dashv$ | $\top$  | +                  | H         | $\dashv$     | +           | H                  |            | $\dashv$ | 142        | H         | +        | T            | $\vdash$   | H               | $\dashv$ | $\top$  | 1 |  |  |  |
|                    |                        | 42<br>43<br>44                                   |                |          |                   | L         | Ш         | $\Box$    |                 | <del>32</del><br>33  |          |         | I                  |           | 力            | 工           | $\Box$             | įt         |          | 143        |           |          |              |  |                 |          | L       | ] |  |  |  |
|                    | ļ                      | 44   | +              | _        | igspace           | 1         |           | _         |                 | 9#                   | [        |         | $\bot$             | $\sqcup$  | _            | $\perp$     | $oldsymbol{\perp}$ |            |          | 144        | $\sqcup$  | _        | $\bot$       | <b> </b> _                                       | Ш               |          | 4       | 1 |  |  |  |
|                    |                        | 45<br>46   | ++             |          | $\vdash \vdash$   | +         | H         | $\dashv$  | $\vdash \vdash$ | <del>89</del>        | $\dashv$ | +       | +                  | H         | $\dashv$     |             | +                  | ╽┟         |          | 145<br>146 | $\vdash$  | +        | ╁            | $\vdash$   | $\vdash \mid$   | +        | ╁       | 1 |  |  |  |
|                    |                        | 47   | ++             | +        | ++                | $\dagger$ | +         | $\dashv$  |                 | 97                   | 7        | +       | +                  | $\forall$ | $\dashv$     | +           | +                  | <b> </b>   |          | 147        | H         | 十        | +            | $\vdash$   | $\vdash \vdash$ | +        | +       | 1 |  |  |  |
|                    |                        | 48   |                |          |                   |           | 口         |           |                 | 98                   | 1        |         | 工                  |           | ⇉            | 士           | $\Box$             | <b>]</b>   |          | 148        |           | 丁        | L            |  |                 | 止        |         | 1 |  |  |  |
|                    |                        | 49<br>50   | $\downarrow T$ | $\bot$   |                   | Ţ         | П         | $\exists$ |                 | 99                   | 1        | 工       | T                  | $\square$ | $\Box$       | $\perp$     | П                  | ] [        |          | 149        | П         | $\bot$   | $\Box$       |  | П               | $\perp$  | Ţ       | 1 |  |  |  |
|                    |                        | <u>  540  </u>                                   |                |          | 11                | 1         |           |           |                 | 100                  | 1        |         | 1                  | LЫ        |              |             |                    | ıL         |          | 150        | Ш         | L        |              | L _  | LL              | L_L      |         | l |  |  |  |

Application/Control No.

Applicant(s)/Patent under